



PAPER OUTLINE 2014

Paper Code & Title: **CMPO 283** *Intermediate Studies in Recording, Mixing and Audio Production*
Trimester: 1 **Year:** 2014
CRN: 19768 **Campus:** NZSM - VUW Kelburn
Points: 15
Prerequisites: *One of CMPO 110, 180-184*
Corequisites: *None*
Restrictions: *CMPO 280, CMPO 284*

Important dates: Trimester dates: 3 March–2 July 2014
 Teaching dates: 3 March–6 June 2014
 Mid-trimester break: 18 April–4 May 2014

 Last assessment item due: 16 June 2014
 Study week: 9–13 June 2014
Examination/Assessment Period: 13 June–2 July 2014
 (where applicable) *NB: For courses with exams, students must be available to attend the exam at any time during this period.*

 Withdrawal date: 14 March 2014
 Refer to
 www.victoria.ac.nz/students/study/withdrawals-refunds
 If you cannot complete an assignment, or sit a test or examination, refer to
 www.victoria.ac.nz/students/study/exams/aegrotats

Class times & locations: Friday, 9:00am–11:50am (Room MS112: Sonic Arts Lab)

NAMES AND CONTACT DETAILS

Course Coordinator: Dugal McKinnon
Contact phone: 463 6448 **Email:** *dugal.mckinnon@nzsm.ac.nz*
Office located at: Room MS207, Kelburn Campus
Office hours: By appointment

Other staff member(s): Thomas Voyce
Contact phone: 463 5863 **Email:** *thomas_voyce@yahoo.com*
Office(s) located at: Room MS303C, Kelburn Campus

Programme Administrator: Fiona Steedman **Email:** *fiona.steedman@nzsm.ac.nz*

COMMUNICATION OF ADDITIONAL INFORMATION

Official notices issued after the paper has commenced will be posted on the board outside the NZSM office on the Kelburn Campus. Notices concerning a number of papers will also be posted on Blackboard. The Course Coordinator will specify if Blackboard will be used.

PRESCRIPTION

Development of intermediate skills and exploration of concepts in music technology, with a focus on approaches to recording, mixing and audio production. The paper will also develop critical perspectives on the sociocultural context of music technology.

PAPER LEARNING OUTCOMES

Students who successfully complete this paper will be able to:

1. demonstrate an intermediate understanding of the use of studio and/or field recording techniques
2. demonstrate an intermediate understanding of digital signal processing and digital audio workstations
3. demonstrate a critical awareness regarding the cultural context of music technology.

These learning outcomes contribute to the NZSM Graduate Attributes. For a full list, please see www.nzsm.ac.nz/study-here/graduate-attributes

TEACHING FORMAT

This course comprises one 3-hour lecture per week.

See attached course syllabus for more information.

MANDATORY PAPER REQUIREMENTS

In addition to achieving an overall pass mark of 50%, students must:

- a) submit the items of work specified for this course, on or by the specified dates (subject to such provisions as are stated for late submission of work)
- b) attend at least 80% of lectures, tutorials and workshops related to this course.

If, for health reasons, you are unable to complete all the work required for assessment purposes for this paper by 2 July, you may, on presentation of a medical certificate, have the date for submission extended by the Director, NZSM.

WORKLOAD

A 15-point one-trimester paper should require at least 150 hours work (including class time). This means that in term time, the midterm break and study week you should be prepared to spend, on average, 10 hours per week involved in activities such as attending classes, reading, listening to recommended recordings and preparing assignments.

ASSESSMENT

Approved assessment regime

The following assessment regime for this paper has been approved by the NZSM Academic Committee:

There are 4 items of assessment:

1. *A portfolio of 5–8 small music technology assignments. Related to Learning Outcomes 1–3 (40%)*
2. *One in-class test. Related to Learning Outcomes 1–2 (15%)*
3. *Critical essay, max. 2000 words. Related to Learning Outcome 3 (15%)*
4. *Final recording/production project, 5–8 minutes, to be submitted in final exam period. Related to Learning Outcomes 1–2 (30%)*

Assessment details for this offering

<i>Assessment name and workload per item</i>	<i>Details</i>	<i>Word length / duration</i>	<i>Learning outcome(s)</i>	<i>Due date</i>	<i>% of final grade</i>
Short Assignment 1 (workload: 8 hours)	Review of a selected recording technique	in-class presentation (5 min max.) and write-up (300–500 words)	1–3	Presentations and write-up: 28 March, 9:00am	7%
Short Assignment 2 (workload: 8 hours)	Recording exercise	1–2 min	1–3	11 April, 9:00am	8%
Short Assignment 3 (workload: 8 hours)	Editing exercise	write-up (300–500 words)	1–3	5 May, 9:00am	7%
Short Assignment 4 (workload: 10 hours)	Mixing and mastering exercise	n/a	1–3	26 May, 9:00am	10%
Short Assignment 5 (workload: 8 hours)	Written assignment	max. 700 words	1–3	30 May, 9:00am	8%
Critical essay (workload: 15 hours)		max. 2,000 words	3	9 May, 9:00am	15%
In-class test (workload: 20 hours prep)	(closed-book)	45 min	1 & 2	6 June, 9:00am	15%
Final recording/production project (workload: 40 hours)		5–8 min	1 & 2	Proposal and Presentation: 9 May; Final submission: 16 June, 9:00am	30%

SUBMISSION AND RETURN OF WORK

Assignments should be deposited in: TBA for each assignment.

Marked assignments will be returned to the student pigeonholes opposite Room MS209.

EXTENSIONS AND PENALTIES

Assignments must be submitted by the due dates. In fairness to other students, unless a medical certificate is produced, assessment submitted after 5:00pm on the due date will be subject to a 5% demerit on your grade, increasing by 5% each further working day it is overdue.

Students, who for exceptional reasons can justify an extension for an item of assessment, must apply to the Course Coordinator *before* the due date. Please note that no extensions can be granted for tutorial assignments.

ASSIGNMENT PRESENTATION

Written work should be presented according to the **NZSM Guidelines for Academic Work**, which can be downloaded from www.nzsm.ac.nz/student-zone/student-guides. Five percent (5%) will be deducted for written work that does not conform to these standards.

Sonic Arts work should be submitted as a clearly labelled Audio CD, or, for multimedia works, as a DVD or as a QuickTime data file on a data CD-ROM.

SCALING OF GRADES

To obtain a fair distribution of marks relative to assignment difficulty, scaling may be employed on some or all assessment items, in accordance with guidelines set out in the VUW Assessment Handbook 2014: www.victoria.ac.nz/documents/policy/staff-policy/assessment-handbook.pdf

MATERIALS AND EQUIPMENT

Students will be expected to submit assignments that contain audio files on Compact Disc or USB key. SONA Lab computers and specified EMS computers are available for use, while students' personal computers may be used for certain assignments. Each assignment brief will specify which computers are to be used, and which formats assignments should be submitted in.

RECOMMENDED READING

Below is a general overview of books which are both relevant to music technology *and* available at the VUW Central Library or one of Massey's libraries. Not all of these books are outstanding, and you are not required to consult every single one of them. However, I encourage you to use this list as a starting point for your own research. Those books that I *can* recommend specifically are highlighted in bold font. Further reading recommendations might be announced in class.

General overview:

- **Francis Rumsey and Tim McCormick, "Sound and Recording: An Introduction" (VUW Central Library: TK7881.4 R938 S; Massey Wellington and Turitea Libraries: 621.3893 Rum)**
- Michael Talbot-Smith, "Sound Engineering Explained" (VUW Central Library: TK7881.4 T141 A)
- John Watkinson, "The Art of Sound Reproduction" (Massey Turitea Library, level 3: 621.38932 Wat)
- Glenn D. White and Gary J. Louie, "The Audio Dictionary" (VUW Central Library: TK7881.4 W584 A)

Recording technique:

- **Christian Hugonnet and Pierre Walder, "Stereophonic Sound Recording: Theory and Practice" (VUW Central Library: TK7881.4 H896 T E)**
- John Borwick (ed.), "Sound Recording Practice" (VUW Central Library: TK 7881.4 S724)
- John Borwick, "Microphones: Technology and Technique" (Massey Turitea Library, level 3: 621.38284 Bor)
- David Miles Huber, "Modern Recording Techniques" (Massey Wellington Library, 5B music collection: 621.3893 Hub; also available at Massey as an electronic resource)
- David Miles Huber and Philip Williams, "Professional Microphone Techniques" (Massey Wellington Library: 621.38284 Hub)
- Bruce Bartlett, "Practical Recording Techniques" (Massey Wellington Library: 621.3893 Bar; VUW WJ Scott Education Library, main collection: 621.3893 BAR)
- Bruce Bartlett with Jenny Bartlett, "On-Location Recording Techniques" (Massey Wellington Library, 5B music collection: 621.38932 Bar)
- David Miles Huber, "Microphone Manual: Design and Application" (Massey Wellington Library: 621.384133 Hub)

Production technique:

- **Bob Katz, "Mastering Audio: The Art and the Science" (VUW Central Library: TK7881.4 K199 M)**
- Francis Rumsey, "Spatial Audio" (VUW Central Library: TK7881.8 R938 S)

Social and cultural context of music technology:

- **Jonathan Sterne, "The Audible Past: Cultural Origins of Sound Reproduction" (VUW Central Library: TK7881.4 S839 A)**
- David L. Morton Jr., "Sound Recording: The Life Story of a Technology" (VUW Central Library: TK7881.4 M889 S)

CLASS REPRESENTATIVE

Class representatives for the NZSM are elected in the first week of the trimester, and their names and contact details will be available to VUWSA and/or MaWSA, the Course Coordinator and to each class. You can find out more information on Class Representatives on the VUWSA website (www.vuwsa.org.nz) or MaWSA website (www.mawsa.org.nz).

Students may like to write the Class Rep's name and details in this box:

STUDENT FEEDBACK

Feedback on the course content and structure is particularly invited. Student feedback on University courses may be found at www.cad.vuw.ac.nz/feedback/feedback_display.php

HUMAN ETHICS GUIDELINES

Any student assessment or project at any level that involves human subjects (including the documenting, interviewing and recording of information from people) must follow ethics guidelines. For courses in Music Therapy, students must follow Massey University Ethics guidelines. For all other courses, students must follow VUW Ethics Guidelines. For information and assistance as it relates to your course, consult first with your Course Coordinator. Guidelines are given at:

- www.victoria.ac.nz/documents/policy/research-policy/human-ethics-policy.pdf
- www.massey.ac.nz/massey/research/research-ethics/human-ethics

OTHER IMPORTANT INFORMATION

The information above is specific to this course. There is other important information that students must familiarise themselves with, including:

- **Academic Integrity and Plagiarism:** www.victoria.ac.nz/students/study/exams/integrity-plagiarism. Find out more about plagiarism, how to avoid it and penalties on the NZSM website: www.nzsm.ac.nz/student-zone/student-guides
- **Aegrotats:** www.victoria.ac.nz/students/study/exams/aegrotats
- **Academic Progress** (including restrictions and non-engagement): www.victoria.ac.nz/students/study/progress/academic-progress
- **Dates and deadlines:** www.victoria.ac.nz/home/study/dates
- **FHSS Student and Academic Services Office:** www.victoria.ac.nz/fhss/student-admin
- **Grades:** www.victoria.ac.nz/students/study/progress/grades
- **Resolving academic issues:** www.victoria.ac.nz/about/governance/dvc-academic/documents/grievances.pdf
- **Special passes:** www.victoria.ac.nz/about/governance/dvc-academic/publications
- **Statutes and policies, including the Student Conduct Statute:** www.victoria.ac.nz/about/governance/strategy/academic-policies
- **Student support:** www.victoria.ac.nz/students/support
- **Students with disabilities:** www.victoria.ac.nz/st_services/disability OR www.massey.ac.nz/massey/student-life/services-and-resources/disability-services/disability-services_home.cfm
- **Student Charter:** www.victoria.ac.nz/study/apply-enrol/terms-conditions/student-charter
- **Student Contract:** www.victoria.ac.nz/study/apply-enrol/terms-conditions/student-contract
- **Subject Librarians:** library.victoria.ac.nz/library/resources/subjectcontacts.html AND www.massey.ac.nz/massey/research/library/about-us/addresses-and-staff/sections/information-research-services.cfm
- **Turnitin:** www.cad.vuw.ac.nz/wiki/index.php/Turnitin
- **University structure:** www.victoria.ac.nz/about/governance/structure OR www.massey.ac.nz/massey/home.cfm
- **NZSM Student Handbook:** www.nzsm.ac.nz/student-zone/student-guides
- **Scholarships and prizes relevant to NZSM students:** www.nzsm.ac.nz/student-zone/scholarships-and-prizes
- **Your grades, academic profile, timetable, etc.:** my.vuw.ac.nz

GENERAL NZSM POLICIES AND STATUTES

Students should familiarise themselves with the NZSM's policies and statutes, especially those regarding Personal Courses of Study, Academic Grievances, Staff and Student Conduct. Please see www.nzsm.ac.nz/student-zone/student-guides

For any statutes relating to the particular qualifications being studied, see either the Massey University Calendar or the Victoria University of Wellington Calendar.

Information about Student Services, including Academic Mentoring for Māori and Pasifika Students, and support for Students with Disabilities, is to be found in the NZSM Student Handbook (available at www.nzsm.ac.nz/student-zone/student-guides or in hard copy from the NZSM offices on each campus).

EVENTS

Regular events are held during trimesters 1 & 2 at all NZSM campuses. These events are for the benefit of all students, and include performances, masterclasses, special lectures and workshops given by staff, students and visiting artists. All students are expected to keep time free to attend the weekly lunchtime concert on Friday at 12:10pm, along with other events as required.

Students should sign up to the **Dawn Chorus**, the NZSM's events e-newsletter, by emailing events@nzsm.ac.nz with 'subscribe dawn chorus' in the subject line.

Events & Marketing Coordinator: Stephen Gibbs
Phone: (04) 463 4766 **Email:** stephen.gibbs@nzsm.ac.nz
Website: www.nzsm.ac.nz/events